

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 173601

TO: Jegatheesan Seharaseyon

Location: rem-4c61/4c70

Art Unit: 1647

Thursday, December 15, 2005 Case Serial Number: 10/008721 From: Kristine Hensle

Location: Biotech-Chem Library

REM-1B69

Phone: (571) 272-4161

Kristine. Hensle@uspto.gov

Search Notes

Examiner Seharaseyon,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Kristine Hensle Librarian STIC Biotech/Chem Library (571)272-4161



STIC-Biotech/ChemLib

173601

From:

Seharaseyon, Jegatheesan

Sent:

Tuesday, December 06, 2005 4:57 PM

To:

STIC-Biotech/ChemLib

Subject:

RE:10/008721

Hi,

Can you please do an interference search for SEQ ID NO: 6 and 7 of 10/008721. Thanks.

Seyon J.Seharaseyon Art Unit 1647 Remsen 4C61 Mailbox 4C70

Phone: (571)-272-0892 Fax: (571)-273-0892

Searcher:
Searcher Phone:
Date Searcher Picked up:
Date completed:
Searcher Prep Time:
Online Time:

Type of Search

NA#_____ AA#:

S/L:____ Oligomer:____
Encode/Transl:____

Structure #:____ Text:___
Inventor:____ Litigation:___

Vendors and cost where applicable STN:
DIALOG:
QUESTEL/ORBIT:
LEXIS/NEXIS:
SEQUENCE SYSTEM:
WWW/Internet:
Other (Specify):

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Sequence 577, App
Sequence 105, App
Sequence 12723, A
Sequence 12723, A
Sequence 1625, A
Sequence 16518, A
Sequence 16518, A
Sequence 15742, A
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Sequence 11, Appl
Sequence 13, Appl
Sequence 2, Appli
                                                                                         December 13, 2005, 21:35:15; Search time 106.5 Seconds (without alignments) 2336.701 Million cell updates/sec
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2: /cgn2_6/ptcdata/1/ina/5_COMB.seq:*
3: /cgn2_6/ptcdata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptcdata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptcdata/1/ina/H_COMB.seq:*
6: /cgn2_6/ptcdata/1/ina/Pp_COMB.seq:*
7: /cgn2_6/ptcdata/1/ina/Pp_COMB.seq:*
8: /cgn2_6/ptcdata/1/ina/Pp_COMB.seq:*
9: /cgn2_6/ptcdata/1/ina/RE_COMB.seq:*
9: /cgn2_6/ptcdata/1/ina/RE_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd
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US-09-949-016-15648
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US-09-949-016-16252
US-09-949-016-16990
US-09-949-016-16518
US-09-949-016-15742
US-09-949-016-15525
US-09-949-016-15525
US-09-949-016-15525
US-09-949-016-15525
US-09-949-016-17291
US-09-165-264-14
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US-09-165-264-13
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Maximum Match 100%
Listing first 45 summaries
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Sequence 8, Appli Sequence 13747, A Sequence 12656, Sequence 13639, A	Sequence 4464, Ap Sequence 19746, A Sequence 16801, A Sequence 13182, A	244	Sequence 1723, Ap Sequence 1970, Ap Sequence 1246, A Sequence 14461, A Sequence 14720, A	Sequence 11, Appl Sequence 14080, A Sequence 14608, A Sequence 127819, Sequence 127820,
US-09-165-264-8 US-09-949-016-13747 US-09-949-016-12656 US-09-949-016-13639	US-09-270-767-4464 US-09-270-767-19746 US-09-949-016-16801 US-09-949-016-13182	US-09-107-433-2184 US-09-107-433-185 US-09-107-433-184	US-09-107-433-1723 US-09-107-433-1970 US-09-949-016-12254 US-09-949-016-14461 US-09-949-016-14720	US-08-458-568A-11 US-09-949-016-14080 US-09-949-016-14608 US-09-949-016-127819 US-09-949-016-127820
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ALIGNMENTS

US-US-123-165-161

US-US-123-165-161

DEACHLO NO. 5670367

PRICE NO. 5670367

CENERAL INCORMATION:

APPLICANT: SCHEIFLINGER, F.

CORRESPONDERS: 52

CORRESPONDERS: 1800 Diagonal Road, Suite 500

CITY: Alexandria
STREE: 1800 Diagonal Road, Suite 500

CITY: Alexandria
STREE: 1800 Diagonal Road, Suite 500

CITY: Alexandria
STREE: 1800 Compatible

COUNTRY: USA

ZIP: 2213-0299

COMPUTER: IBM FC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CUMPUTER: IBM FC Compatible

OPERATING SYSTEM: BC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CUMPUTER: IBM FC COMPATION

APPLICATION NUMBER: US/07/935,313

FILING DATE: A-MOG-1991

ATTORNAY APPLICATION NUMBER: 30,768

REFERENCE/DOCKET NUMBER: 30,768

REFERENCE/DOCKET NUMBER: 30,768

REFERENCE/DOCKET NUMBER: 30,769

TELESKY: 999149

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

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INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:

LENGTH: 7218 base pairs

INFORMATION FOR SEQ ID NO: 14:

SEQUENCE STRANDERNESS: single

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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: 60/241, 755
PRIOR APPLICATION NUMBER: 60/241, 755
PRIOR APPLICATION NUMBER: 60/231, 768
PRIOR APPLICATION NUMBER: 60/231, 768
PRIOR APPLICATION NUMBER: 60/231, 498
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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Patent No. 681239
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
PILE REFERENCE: CL001307
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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Pred. No. 0.021;
0; Mismatches 57;
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Pred. No. 0.022;
0; Mismatches 24;
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 705
LENGTH: 179905
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71.1%;
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Best Local Similarity 58.1%;
Matches 79; Conservative
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Best Local Similarity 71.1
Matches 59; Conservative
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                                                             ; TYPE: DNA
; ORGANISM: Human
US-09-949-002-705
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LENGTH: 101951
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Bateant No. 6900016

GENERAL INFORMATION:
HAPPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: MITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: MITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
CURRENT APPLICATION NUMBER: US/09/949,002.
CURRENT APPLICATION NUMBER: US/09/949,002.
CURRENT APPLICATION NUMBER: 05/021,401
PRIOR PLING DATE: 2000-09-08
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US-09-949-002-705/c
Sequence 705, Application US/09949002
Sequence 705, Application US/09949002
Sequence 705, Application US/09949002
Sequence 705, Application US/09949002
Sequence 705, Trick of US Caig et al.
TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
TITLE OF INVENTION: AND USES THEREOF
FILE REFERENCE: CLO00790
CURRENT APPLICATION NUMBER: US/09/949,002
CURRENT FILING DATE: 2000-01-28
FILE REPERFORM NUMBER: 60/231,401
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 10823
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                                       h 35.0%; Score 49; DB 2; Length 7218; Similarity 3.0%; Pred. No. 0.0013; 4; Conservative 103; Mismatches. 28; Indels
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Pred. No. 0.021
0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 577
LENGTH: 179904
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Best Local Similarity
                                         Query Match
Best Local Similarity
Matches 4; Conserva
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CRGANISM: Human
US-09-949-002-577
US-08-232-463-14
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US-09-949-016-16518/c

i Sequence 16518 Application US/09949016

j Patent No. 681239

j GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

TUTLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOOTWARE: PRESECTED FOR WINDOWS VERBION 4.0

SEQ ID NO 16518

LENGTH: 99749
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 11990, Application US/09949016

Fatent No. 6812339

GENERAL INFORMATION:
FATELIANT VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/231,768
FRIOR PELING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-010-03
PRIOR FILING DATE: 2000-010-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
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                                                                                                                                                                                                                 16723 Grecrecrecrecres 16710
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Best Local Similarity 61.0%;
Matches 72; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 31.7%;
61.0%;
                                                                                                                                       121 GGGATCCTCCTCCC
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                RESULT 7
US-09-949-016-11990/c
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Facett No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER,

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: 60/29,016

FRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASTSEQ for Windows Version 4.0

LENGTH: 46940
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31.7%; Score 44.4; DB 3; Length 46823;
Best Local Similarity 58.2%; Pred. No. 0.023;
Matches 78; Conservative 0; Mismatches 56; Indels 0;
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
; PRIOR PILING DATE: 2000-10-20
; PRIOR PILING DATE: 2000-10-03
; PRIOR PILING DATE: 2000-10-03
; PRIOR PILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: PastSEQ for Windows Version 4.0
; SEQ ID NO 12723
; LENGTH: 46823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; LOCATION: (1)....(46823)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12723
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COTHER INFORMATION: n = A,T,C or G
US-09-949-016-16252
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                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Human
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
ILLE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: 60/241, 755
PRIOR FILING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-03
PRIOR PLING DATE: 2000-10-03
PRIOR PLING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRAESEQ for Windows Version 4.0
SEQ ID NO 15525
                                                              Sequence 135107, Application US/09949016

Patent No. 6812339
GENERAL INFORMATION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,489
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
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Pred. No. 0.02;
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Pred. No. 0.036;
0; Mismatches '
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 135107
LENGTH: 601
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; Patent No. 6812339
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60.5%;
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60.5%;
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Best Local Similarity 60.55
Matches 72; Conservative
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Best Local Similarity 60.5
Matches 72; Conservative
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US-09-949-016-135107
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; ORGANISM: Human
US-09-949-016-15525
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                                                           CCCCCACTACTCCCC 76
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                                                                                                                                                           77 GCCCGTCCCCCTCCCGGCGTCTGACGCGACACGCCGAGCCTTCGGGATCCTCCTCCT 134
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PEPLICANT: SHAMNON, Mark
TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
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     Gaps
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NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Acomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 15742
LENGTH: 500
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Pred. No. 0.017;
0; Mismatches 50; Indels
Indels
  46;
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CURRENT PEDILCATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
Mismatches
                                                                                                                                                                                                                                                                                                                                           Sequence 15742, Application US/09866108A Patent No. 6686188 GENERAL INFORMATION:
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Best Local Similarity 59.7%;
Matches 74; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
Conservative
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US-09-866-108A-15742
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                                                    65 CCACTACTCCCCGCCCCGTCCCCTCCGGCGTCTGACGCGACACGCCGAGCCTTCGGGA 124
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62 CCCCCACTACTCCCCGCCCGGTCCCCCTCCCGGCGTCTGACGCGAACACGCCGAGCCTTCG 121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 TGGCCCACTATTTACCCTCCCCTGCCTTTCCCCTTCCCCTTCGTCCTCCCATTCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: Primer sequence US-09-165-264-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence US-09-165-264-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              .;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 320;
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                                                                                                                                                                                                                                                                                                                                                                   RESULT 14
US-09-165-264-14/C
; Sequence 14, Application US/09165264
; Patent No. 6197510
; GENERAL INFORMATION:
; APPLICANT: Vinayagamoorthy, Thuraiayah
; TITLE OF INVENTYON: Multi-Loci Genomic Analysis
; FILE REFERENCE: 44447
; CURRENT APPLICATION UNDBER: US/09/165,264
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                30.7%; Score 43; DB 3;
56.8%; Pred. No. 0.03;
cive 0; Mismatches 60
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TITLE OF INVENTION: Multi-Loci Genomic Analysis
FILE REFERENCE: 44747
CURRENT APPLICATION NUMBER: US/09/165,264
CURRENT FILING DATE: 1998-10-01
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin Ver. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       122 GGATCCTCCTCCGAACCC 140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              187 ccccccccccccccccc 169
                                                                                                                                                                                                                                                          1235 ccccctAccrcccc 1220
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 56.8
Matches 79; Conservative
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US-09-165-264-11/c
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Sequence 17291, Application US/09949016

Batent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: 60/291,016

CURRENT APPLICATION NUMBER: 60/291,768

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 16782
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                                                                                                                                                                        USS-09-270-767-11042

| Sequence 11042, Application US/09270767
| Sequence 11042, Application US/09270767
| Patent No. 6703491
| GENERAL INFORMATION:
| APPLICANT: Homburger et al.
| TILLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster:
| FILLE REPERENCE: File Reference: 7326-094
| CURRENT APPLICATION NUMBER: US/09/270,767
| WUMBER OF SEQ ID NOS: 62517
| SOFTWARE: PatentIn Ver. 2.0
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Pred. No. 0.03;
0; Mismatches 58;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Drosophila melanogaster
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Best Local Similarity 57.4%;
Matches 78; Conservative
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tes 78; Conserv
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US-09-949-016-17291/c
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LENGTH: 865
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45871, A
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9375, Ap
                                                                                                                                           ; Search time 684 Seconds
(without alignments)
1692.563 Million cell updates/sec
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26028, A
100535,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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Sequence 4,
Sequence 5,
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Sequence 4,
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1: /cgn2 6/ptodata/1/pubpna/USO7 PUBCOMB.seq:*
2: /cgn2 6/ptodata/1/pubpna/USO8 PUBCOMB.seq:*
3: /cgn2 6/ptodata/1/pubpna/USO9A PUBCOMB.seq:*
4: /cgn2 6/ptodata/1/pubpna/USO9B PUBCOMB.seq:*
5: /cgn2 6/ptodata/1/pubpna/USO9B PUBCOMB.seq:*
6: /cgn2 6/ptodata/1/pubpna/USO9B PUBCOMB.seq:*
7: /cgn2 6/ptodata/1/pubpna/USO9B PUBCOMB.seq:*
8: /cgn2 6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
9: /cgn2 6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
10: /cgn2 6/ptodata/1/pubpna/USO9B_PUBCOMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-008-721-6
US-10-008-721-6
US-10-010-920-5
US-10-010-920-5
US-10-010-920-5
US-10-010-920-3
US-10-010-920-3
US-10-010-920-3
US-10-010-920-3
US-10-010-920-3
US-10-011-321-91623
US-10-021-321-91623
US-10-021-323-9177
US-10-021-323-9177
US-10-021-323-9177
US-10-021-323-9177
US-10-222-281-805
US-10-425-115-45871
US-10-425-115-45871
US-10-425-115-26028
US-10-425-115-26028
US-10-425-115-94657
US-10-425-115-94657
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      hits satisfying chosen parameters:
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                                                                                                                                             December 13, 2005, 23:50:04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                            OM nucleic - nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 2000000000
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140
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	ALIGNMENTS					
1349	US-10-027-632-134955	9	522	31.9	44.6	4.5
13495	-10-027-632-13495	9	522	31.9	44.6	44
13495	7	ß	522	31.9	44.6	43
Sequence 134954,	7	ស	522	31.9		42
LO.	7	æ	189817	32.0		41
Seguence 5660, Ap	US-10-741-601-5660	7	189817	32.0	44.8	40
	US-10-424-599-81404	7	1087	32.0	44.8	9
168126	US-10-425-115-168126	œ	636	32.0	44.8	38
	US-10-424-599-2320	7	580	32.0	44.8	37
5625	US-10-437-963-56258	7	545	32.0	44.8	36
5961		7	492	32.0	44.8	32
1048	US-10-021-323-10481	7	447	32.0	44.8	34
7902		Φ	294	32.0	44.8	33
293		7	1385	32.1	45	32
137		7	1385	32.1	45	31
9336	US-10-425-115-93385	œ	1211	32.1	45	30
445	US-10-437-963-44536	7	925	32.1	45	5
8217	으	ω	166	32.1	45	28
375	US-10-437-963-3757	^	699	32.1	45	27
Seguence 16665, p	US-10-021-323-16665	7	263	32.1	45	56
33	US-09-804-682-33	m	1065	32.3	45.2	25
Sequence 11145, p	US-10-425-115-11145	œ	673	32.3	45.2	24

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                                                                APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid of TITLE OF INVENTION: And methods for using
TITLE OF INVENTION: and methods for using
FILE REPERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin Ver. 2.0
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100.0%; Pred. No. 4.7e-29;
tive 0; Mismatches 0;
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               Sequence 6, Application US/10010920 Publication No. US20030027165A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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Best Local Similarity
Matches 140; Conserv
US-10-010-920-6/c
                                                                                                                                                                                                                                                                              LENGTH: 140
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                                                                                                                                                                                                                                                                                                TYPE: DNA
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US-10-010-920-7 RESULT 2

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Sequence 7, Application US/10010920
; Publication No. US20030027165A1
; GENERAL INFORMATION:
; APPLICANT: Saus, Juan
; TITLE OF INVENTION: and methods for using

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US-10-010-920-4/c
                                                                                                                                                                      LENGTH: 140
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| Sequence 6, Application US/10008721
| Publication No. US20030082745A1
| Publication No. US20030082745A1
| GENERAL INFORMATION:
| APPLICANT: SAUB. JUBIN
| TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using | FILE REFERENCE: 98,723-E1 | CURRENT APPLICATION NUMBER: US/10/008,721 | CURRENT PILING DATE: 2001-12-07 | PRIOR PILING DATE: 2000-12-08 | PRIOR FILING DATE: 2000-12-08 | NUMBER OF SEQ ID NOS: 102 | SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 100.0%; Pred. No. 4.7e-29;
Matches 140; Conservative 0; Mismatches 0;
FILE REFERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
FRIOR APPLICATION NUMBER: 60/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 140
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                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
US-10-010-920-7
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US-10-008-721-6
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LENGTH: 140
TYPE: DNA
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Sequence 4, Application US/10010920;
Publication No. US20030027165A1
GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences;
TITLE OF INVENTION: And methods for using
FILE REPRENCE: 99,723-E3;
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT FILING DATE: 2001-12-07
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR PILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIn Ver. 2.0
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TITLE OP INVENTION: TNP-Inducible Promoters and Methods for Using FILE REFERENCE: 98,723-E1
CURRENT APPLICATION NUMBER: 08/10/008,721
CURRENT FILING DATE: 2001-12-07
PRIOR PRICATION NUMBER: 60/254,649
PRIOR PLING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: Patentin Ver. 2.0
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100.0%; Pred. No. 3.4e-29;
live 0; Mismatches 0;
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US-10-010-920-5
; Sequence 5, Application US/10010920
; Publication No. US20030027165A1
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                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-10-008-721-7
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ORGANISM: Homo sapiens
US-10-010-920-4
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121 GGGATCCTCCCGAACCC 140
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; ORGANISM: Homo sapiens
US-10-008-721-5
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; ORGANISM: Homo sapiens
US-10-010-920-3
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APPLICANT: Saus, Juan
TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences
TITLE OF INVENTION: And methods for using
FILE REFERENCE: 98,723-E3
CURRENT APPLICATION NUMBER: US/10/010,920
CURRENT APPLICATION NUMBER: 00/254,649
PRIOR FILING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SEQ ID NO S
LENGTH: 771
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; Publication No. US20030082745A1
; GENERAL INFORMATION:
    APPLICANT: Saus, Usan
    TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using
    FILE REFERENCE: 98,723-E1
; CURRENT APPLICATION UNDER: US/10/008,721
; CURRENT FILING DATE: 2001-12-07
; PRIOR FILING DATE: 2000-12-08
; WUMBER OF SEQ ID NOS: 102
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO : 371
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Best Local Similarity 100.0%; Score 140; DB 5; Length 771;
Best Local Similarity 100.0%; Pred. No. 3.4e-29;
Matches 140; Conservative 0; Mismatches 0; Indels
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; Pred. No. 3.4e-29;
0; Mismatches 0;
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Best Local Similarity 100.0%;
Matches 140; Conservative 0,
                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-920-5
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CORGANISM: Homo sapiens
US-10-008-721-4
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RESULT 8 US-10-008-721-5

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US-10-010-920-3/c

Sequence 3, Application US/10010920

Sequence 3, Application US/10010920

Publication No. US2030027165A1

PUBLICANT Saus, Juan

TITLE OF INVENTION: Alternatively spliced polk nucleotide and amino acid sequences

TITLE OF INVENTION: and methods for using

FILE REFERENCE: 98,723-E3

CURRENT APPLICATION NUMBER: US/10/010,920

CURRENT FILING DATE: 2001-12-07

PRIOR PILING DATE: 2000-12-08

NUMBER OF SEQ ID NOS: 102

SOFTWARE: Patentin Ver. 2.0

SEQ ID NOS: 102

SEQ ID NOS: 02
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Sequence 5, Application US/10008721
) Publication No. US2030082745A1
) GENERAL INFORMATION
TITLE OF INVENTION: TWF-Inducible Promoters and Methods for Using
FILE REFERENCE: 99,723-E1
CURRENT APPLICATION NUMBER: US/10/008,721
) CURRENT APPLICATION NUMBER: 60/254,649
PRIOR APPLICATION NUMBER: 60/254,649
PRIOR PLING DATE: 2000-12-08
NUMBER OF SEQ ID NOS: 102
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 5
LENGTH: 771
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 140; DB 5; Best Local Similarity 100.0%; Pred. No. 3.4e-29; Matches 140; Conservative 0; Mismatches 0;
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Sequence 5007, Application US/10021323
; Sequence 5007, Application US/20040123340A1
; Sequence 5007, Application No. US20040123340A1
; GENERAL INFORMATION:
; APPLICANT: Feng, Faul C.C.
; APPLICANT: Fincher, Karen L.
; APPLICANT: Fincher, Karen L.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Number: 105.1743
; CURRENT FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: US 60/255, 619
; RIOR APPLICATION NUMBER: US 60/255, 619
; NUMBER OF SEQ ID NOS: 17880
; SEQ ID NO 5007
                                                                                                                                                                                                                                         Sequence 91623, Application US/10425115
Subhication No. US20040214272A1
Subhication No. US20040214272A1
GENERAL INFORMATION:
Publication No. US20040214272A1
GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwai
APPLICANT: Cao, Yongwai
APPLICANT: Cao, Yongwai
APPLICANT: APPLICANTON: Plants
FILE REPRESENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
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34.3%; Score 48; DB 8; Length 985;
Best Local Similarity 59.6%; Pred. No. 0.00047;
Matches 81; Conservative 0; Mismatches 55; Indels
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; OTHER INFORMATION: Clone ID: MRT4577_183557C.1
US-10-425-115-91623
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OTHER INFORMATION: unsure at all n locations
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ORGANISM: Zea mays
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US-10-425-115-91623/c
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APPLICANT: Kovalic, David K.
APPLICANT: Kovalic, David K.
APPLICANT: APPLICANT: Cao, Yinua
APPLICANT: Cao, Yongwei
APPLICANT: Mu, wei
APPLICANT: Boukharcov, Andrey A.
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NOS: 204966
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; Sequence 3, Application US/10008721
; Publication No. US20030082745A1
; GENERAL INFORMATION:
APPLICANT: Saus, Juan
TITLE OF INVENTION: TNF-Inducible Promoters and Methods for Using
FILE REPERENCE: 98,723-E1
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: 60/254,649
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 102
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3;
LENGTH: 955
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100.0%; Score 140; DB 5; Length 955;
Best Local Similarity 100.0%; Pred. No. 3.3e-29;
Matches 140; Conservative 0; Mismatches 0; Indels
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US-10-437-963-49515
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ORGANISM: Oryza sativa
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ORGANISM: Homo sapiens
                                         US-10-008-721-3/c
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US-10-21-323-14271
Squence 14271, Application US/10021323
Squence 14271, Application US/10021323
Squence 14271, Application No. US20040123340A1
GENERAL INFORMATION:
APPLICANT: Delivann, Jul 1
APPLICANT: Fincher, Karen L.
APPLICANT: Ziegler, Todd E.
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Nucleic Acid Molecules Sociated With TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Under Sociated With STILE REPERENCE: 38-21(52274)B
CURRENT PAPLICATION NUMBER: US/10/21,323
CURRENT PAPLICATION NUMBER: US 60/255, 619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Feng, Paul C.C.
APPLICANT: Fincher, Karen L.
APPLICANT: Ziegler, Todd E.
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
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33.6%; Score 47; DB 7; Length 588;
Best Local Similarity 62.2%; Pred. No. 0.00097;
Matches 74; Conservative 0; Mismatches 45; Indels
                                                                                                               Indels
                                                                   Score 47.6; DB 7; 1
Pred. No. 0.00071;
0; Mismatches 29;
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; LOCATION: (1)..(588)
; OTHER INFORMATION: unsure at all n locations
; OTHER INFORMATION: Clone ID: LIB3828-025-Q6-K6-D5
US-10-021-323-9377
; OTHER INFORMATION: Clone ID: LIB3826-001-Q1-N6-H3
US-10-021-323-5007
                                                                                                                                                                                                                                                                        65 CCACTACTCCCGGCCCGGCCTCCCGGCGTC 98
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                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 9377, Application US/10021323 Publication No. US/20040123340A1 GENERAL INFORMATION: APPLICANT: Deikman, Jill
                                                                   34.0%;
69.1%;
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                                                                 Query Match
Best Local Similarity 69.1<sup>3</sup>
Matches 65; Conservative
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US-10-021-323-9377/c
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TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: pTZgpt-Fls
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Sequence 577, App
Sequence 705, App
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Sequence 12, Appl
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Copyright (c) 1993 - 2005 Compugen Ltd
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US-09-949-002-577
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US-09-949-016-165648
US-09-949-016-16552
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US-09-949-016-16552
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Maximum Match 1008
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25 41.2 29.4 319 3 US-09-165-264-8 Sequence B, Appli 274 41.2 29.4 264665 3 US-09-949-016-13747 Sequence 13747, A 1 29.3 253345 3 US-09-949-016-12656 Sequence 13747, A 28 40.6 29.0 936 3 US-09-949-016-13639 Sequence 13656, A 29 40.6 29.0 936 3 US-09-270-767-1974 Sequence 18746, A 29 40.6 29.0 936 3 US-09-270-767-1974 Sequence 18746, A 29 40.6 29.0 9378 3 US-09-949-016-1380 Sequence 18746, A 29 40.4 28.9 209 37875 3 US-09-107-433-184 Sequence 1818, Appli 2 40.4 28.9 209 3 US-09-107-433-184 Sequence 1818, Appli 2 40.4 28.9 209 3 US-09-107-433-184 Sequence 1818, Appli 2 40.4 28.9 209 3 US-09-107-433-184 Sequence 1910, Appli 2 40.2 28.7 8361 3 US-09-107-433-1970 Sequence 1972, Appli 2 40.2 28.7 8361 3 US-09-107-433-1970 Sequence 1972, Appli 2 89 28.3 12001 3 US-09-949-016-1254 Sequence 1970, Appli 2 89 28.3 12001 2 US-09-949-016-1254 Sequence 14720, Appli 2 89 28.3 12001 2 US-09-949-016-14080 Sequence 14720, Appli 2 89 28.3 12001 2 US-09-949-016-14080 Sequence 14080, Appli 2 89.4 28.1 2 80.9 3 US-09-949-016-14618 Sequence 14608, Appli 2 89.4 28.1 2 80.1 3 US-09-949-016-1280 Sequence 127819, C 45 39.4 28.1 2 80.1 3 US-09-949-016-12819
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ALIGNMENTS

US-08-212-463-14/C

Sequence 14, Application US/08232463

Patent No. 5670367

GENERAL INFORMATION:

APPLICANT: SCHEIFLINGER, F.

APPLICANT: SCHEIFLINGER, F. G.

TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
NUMBER OF SEQUENCES: 52
CORRESPONDENCE ADDRESS:

ADDRESSEE: F0-94 & Lardner
STREET: 1800 Diagonal Road, Suite 500

TITY: Alexandria
STATE: VA

COUNTRY: USA
ZIP: 22313-0299

COMPUTER READABLE FORM:

MEDIUM TYPE: F1-0ppy diak

COMPUTER READABLE FORM:

MEDIUM TYPE: F1-0ppy diak

COMPUTER: Patentin Release #1.0, Version #1.25

COMPUTER: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/232,463

FILING DATE:

CLASSIFICATION NUMBER: US/07/935,313

FILING DATE:

APPLICATION NUMBER: EP 91 114 300.6

FILING DATE: 26-40(-1991

ATTORNEY/AGENT INFORMATION:

REERPHONE: (703)834-9300

TELEFONE: (703)834-9

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US-09-949-016-15648/C

Sequence 15648, Application US/09949016

Sequence 15648, Application US/09949016

Sequence 15648, Application US/09949016

Sequence 15648, Application US/09949016

GENERAL INFORMATION:
TITLE OF INVENTION: POLYWORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: 60/241, 755

PRIOR FILING DATE: 2000-04-04

PRIOR PILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231, 768

PRIOR APPLICATION NUMBER: 60/231, 498

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PESSEC FOR Windows Version 4.0
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Sequence 12723, Application US/09949016

GENERAL INFORMATION:
APPLICANT: VENTER, J Craig et al.
APPLICANT: VENTER, WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT APPLICATION DATE: 2000-04-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       28062 chadanddahdddaacadahdaddddahdaadahddahatigddhaddaddadddahd 28003
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                                                                                                                                                                                                                                                                                                                                                                                                                 61 GGGCGGGGGAGTAGTGGGGAGATGGGAGGAGGAAGGGGGAAAGGAAAGGACAGGGGAGGG 120
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Pred. No. 0.022;
0; Mismatches 24; Indels 0;
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Best Local Similarity 58.1%; Pred. No. 0.021;
Matches 79; Conservative 0; Mismatches 57;
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 705
LENGTH: 179905
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71.1%;
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Best Local Similarity 71.19
Matches 59; Conservative
                                                                                   TYPE: DNA
CRGANISM: Human
US-09-949-002-705
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LENGTH: 101951
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| Sequence 705, Application US/09949002
| Patent No. 6900016
| GENERAL INFORMATION:
| APPLICANT: VENTER, J. Craig et al.
| TITLE OF INVENTION: WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
| TITLE OF INVENTION: MITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION
| TITLE OF INVENTION: AND USES THEREOF
| FILE REFERENCE: CLOO0790
| CURRENT APPLICATION NUMBER: US/09/949,002
| CURRENT FILING DATE: 2000-01-28
| PRIOR APPLICATION NUMBER: 60/231,401
| PRIOR FILING DATE: 2000-09-08
| NUMBER OF SEQ ID NOS: 10823
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Patent No. 690016

Patent No. 690016

Patent No. 690016

TGEREAL INCRMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH INPLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION

TITLE OF INVENTION: WITH INPLAMMATORY AUTOIMMUNE DISEASE, METHODS OF DETECTION

TITLE OF INVENTION: WITH INVENTE (1000790)

CURRENT PELLING DATE: 2000-01-28

PRIOR APPLICATION NUMBER: 60/231,401

PRIOR APPLICATION NUMBER: 60/231,401

NUMBER OF SEQ ID NOS: 10823

SOFTWARE: FASUSEQ for Windows Version 4.0
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                                                                                                                                                                         2 GGTTCGGGAGGAGGATCCCGAAGGCTCGGCGTGTCGCGTCAGACGCCGGGAGGGGGACGG 61
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                                                            h 35.0%; Score 49; DB 2; Length 7218; Similarity 3.0%; Pred. No. 0.0013; 4; Conservative 103; Mismatches 28; Indels
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                                                               Query Match
Best Local Similarity
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Best Local Similarity
Matches 79; Conserv
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// ORGANISM: Human

US-09-949-002-577
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           US-08-232-463-14
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Sequence 11990, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR PELING DATE: 2000-10-20

PRIOR PELING DATE: 2000-10-03

PRIOR PELING DATE: 2000-09-08

PRIOR PELING DATE: 2000-09-08

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 11990EQ for Windows Version 4.0
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Sequence 16518 Application US/09949016

Sequence 16518 Application US/09949016

Sequence 16518 Application US/09949016

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION NUMBER: US/09/949,016

CURRENT PILICATION NUMBER: 60/241,755

PRIOR PELICATION NUMBER: 60/241,756

PRIOR PILING DATE: 2000-10-02

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOOFWARE: ReasESQ for Windows Version 4.0

SEQ ID NO 16518
            7 GGGAGGAGGATCCCGAAGGCTCGGCGTGTCGCGTCAGACGCCGGGAGGGGACGGGGGGG
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Pred. No. 0.025;
0; Mismatches 46;
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61.0%;
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Best Local Similarity 61.0%;
Matches 72; Conservative
                                                                                  127 AAATAGTGGGCCAG 140
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Best Local Similarity
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; ORGANISM: Human
US-09-949-016-16518
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APPLICANT: VENTER, J Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT ELLING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
LEAGTH: 46940
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16710 GGGAGGAGGACAAGAGGAAGAGGACGGAGGAGGAGGACAGGATGGGGAGGAGGA 16769
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 67 GGAGTAGTGGGGGGAGAATGGGAGGACGAAGGGGGAAAGGACAGGGGAGGGGAGGGT 126
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7 GGGAGGAGGATCCCGAAGGCTCGGCGTGTCGCGTCAGACGCCGGGAGGGGGACGGGCCGG
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58.2%; Pred. No. 0.023;
iive 0; Mismatches 56; Indels 0;
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 12723
LENGTH: 46823
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 16252, Application US/09949016
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                     ; LOCATION: (1). T. (46823)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc feature
LOCATION: (1)...(46940)
OTHER INFORMATION: n = A,T,C or G
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Matches 78; Conservative
                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Human
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US-09-949-016-15525/c
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US-09-949-016-135107
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PPLICANT: RANK, David R.
PPLICANT: CHEN, Wensheng
PPLICANT: SHANNON, Mark
ITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7 GGGAGGAGGATCCCGAAGGCTCGGCGTGTCGCGTCAGACGCCGGGAGGGGGACGGGGCCGG
  Gaps
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  Indels
  46;
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR PELICATION NUMBER: US 60/207,456
PRIOR PELICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PLING DATE: 2000-10-04
PRIOR PLING DATE: 2000-10-04
PRIOR PLING DATE: 2000-10-07
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR PELING DATE: 2000-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Remaining Prior Application data removed - NUMBER OF SEQ ID NOS: 15755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 15742
LENGTH: 500
                                                                                                                                                                                                                                                                                                  Sequence 15742, Application US/09866108A Patent No. 6686188
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
72; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             , ORGANISM: Homo sapiens
US-09-866-108A-15742
                                                                                                                                                                                                                                                                            US-09-866-108A-15742/c
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Sequence 15525, Application US/09949016
; Sequence 15525, Application US/09949016
; Patent No. 681239
; GENERAL INFORMATION:
    APPLICANT: VEWTER, J. Craig et al.
    APPLICANT: VEWTER, J. Craig et al.
    TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
    TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
    FILE REFERENCE: CLOOD-01307
    CURRENT PILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR FILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FBSEESEQ for Windows Version 4.0
; SEQ ID NO 15525
LENGTH. 117807
Sequence 135107, Application US/09949016

Patent No. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

ITILE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLOOD1307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PSESSEQ for Windows Version 4.0

LENGTH: 601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  67 GGAGTAGTGGGGGGAATGGGAGGACGAAGGGGGAAAGGAAAGGACAGGGGGAAGGA 125
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Pred. No. 0.02;
0; Mismatches 47;
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Best Local Similarity 60.5
Matches 72; Conservative
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GGGCGGGGAGTAGTGGGAGAATGGGAGGAGGAGGGGAAAGGAAAGGACACAGGGGAGGG 120
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US-09-165-264-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 30.7%; Score 43; DB 3; Length 320; Best Local Similarity 56.8%; Pred. No. 0.03; Matches 79; Conservative 0; Mismatches 60; Indels
                                                                                                                                                                                                                                                                                                  Sequence 14, Application US/09165264

Patent No. 619510

GENERAL INFORMATION:
APPLICANT: Vinayagamoorthy, Thuraiayah

TITLE OF INVENTION: Multi-Loci Genomic Analysis
FILE REFERENCE: 44747

CURRENT APPLICATION WNBER: US/09/165,264

CURRENT APPLICATION WNBER: US/09/165,264

CURRENT PATENT APPLICATION WNBER: US/09/165,264

CURRENT PATENT D NOS: 148

SOFTWARE: PatentIN Ver. 2.1

SEQID NO 14
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Parent No. 6197510

GENERAL INFORMATION:
APPLICANT: Vinayagamoorthy, Thuraiayah
TITLE OB INVENTION: Multi-Loci Genomic Analysis
FILE REFERENCE: 44747

CURRENT APPLICATION NUMBER: US/09/165,264

CURRENT FILING DATE: 1998-10-01

NUMBER OF SEG ID NOS: 14

SOFTWARE: Patentin Ver: 2.1

SEQ ID NO 11.
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ORGANISM: Artificial Sequence
                                                                                                                                   121 GAGGGTAAATAGTGGG
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US-09-165-264-14
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US-09-165-264-11
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Sequence 1721, Application US/09949016

Retent No. 6812339

GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOUTHARE: FastSEQ for Windows Version 4.0

LENGTH: 16782
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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster FILE REPERENCE: FILE REFERENCE: FILE REFERENCE: FILE REFERENCE: FILE REPERENCE: TO 87694
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEO ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEO ID NO 11042
LENGTH: 865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GGGTTCGGGAGGATCCCGAAGGCTCGGCGTCGCGTCAGACGCCGGGAGGGGGGACG
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Best Local Similarity 57.4%; Pred. No. 0.041;
Matches 78; Conservative 0; Mismatches 58; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 43.2; DB
Pred. No. 0.03;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTHER INFORMATION: n means any nucleotide US-09-270-767-11042
                                                                                                                         US-09-270-767-11042/c
; Sequence 11042, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Drosophila melanogaster
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             30.9%;
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Best Local Similarity 57.4
Matches 78; Conservative
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US-09-949-016-17291
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121 GAGGGTAAATAGTG 134

Search completed: December 13, 2005, 23:57:51 Job time : 109.5 secs 297 GGGGCAGATTTTG 310 . qq